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A N E C O N O M I C S U R V E Y  
O F  
H U M B O L D T C O U N T Y, C A L I F O R N I A

Humboldt County, land of rare recreational opportunities and industrial resources, is located at the exact center of the Pacific Coast. Its area, 3621 square miles, equals the combined area of two states - Delaware and Rhode Island. Its harbor, Humboldt Bay, is one of California's four harbors and the only port of refuge on over 500 miles of rugged coast. Tourists traveling north over the famous Redwood Highway reach the south boundary of the county 205 miles from San Francisco and ride through groves of phenomenal "skyscraper" Redwoods and along spectacular stretches of rugged seacoast before reaching the north boundary 145 miles distant. The sharp contrast of mill and factory seen on every hand in city, and nearby country, not only emphasizes the native primeval beauty but reminds the visitor, as well as the County's 52,000 inhabitants, that it is rapidly developing its industrial potentialities. Humboldt always welcomes the visitor and pleasure-seeker but realizing the practical importance of diversified industries, invites suitable new enterprises to become a part of the County's economy. Few localities can offer such a superb playground as a workshop.

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RETAIL TRADE

A large percentage of the retail trading area is within thirty miles of the county seat, Eureka. There are 1442 retail stores in Humboldt County, with a volume of business of \$30,301,000. There are 1360 employes with a payroll of \$1,450,000.

WHOLESALE TRADE

The wholesale trading area is largely centered around the county seat. There are 64 wholesale establishments within the county with a sales volume of \$8,362,000. There are 289 employes with a payroll of \$535,200.

BANKING

In Humboldt County there are eight banks, with total deposits of approximately \$35,000,000. Deposits have increased each year. Banks in Eureka are: Bank of Eureka, Third & E. Streets, Bank of America, 4th & F. Streets. Banks in the county outside of Eureka are: Fortuna Branch, Bank of America, 948 Main Street, Fortuna; Arcata Branch, Bank of America, 837 H. Street, Arcata; Ferndale Branch, Bank of America, Ferndale; Bank of Loleta, Loleta; and the First National Bank of Scotia. There is not a clearing house in the county, each bank clearing with the others.

CITIES AND TOWNS

**EUREKA.** Population 21,380. County seat of Humboldt County. Situated in the heart of the famous Redwood forest region of California, 288 miles north of San Francisco. Largest city in northwestern California. On Humboldt Bay, a major harbor between San Francisco and Portland, Oregon. On the famous Redwood Highway over which thousands of tourists travel yearly. Northern terminus of Northwestern Pacific Railroad. Excellent modern schools.

**ARCATA.** Population 3,800. Eight miles north of Eureka on the Redwood Highway and on north end of Humboldt Bay. Home of Humboldt State College. Numerous lumber mills nearby also plywood mill and large barrel factory turning out cooperage stock.

**SCOTIA.** Population 2,400. Home of the world's largest redwood lumber mill operated by the Pacific Lumber Company. Scotia is "company owned".

**FORTUNA.** Population 1,754. On railroad and Redwood Highway 18 miles south of Eureka. Trading center for southern Humboldt County. Rich agricultural and timber country. The fertile valleys surrounding Fortuna are ideally suited for vegetable gardens and berry culture.

**FERNDALE.** Population 985. Twenty one miles southwest of Eureka. "The Cream City" in the heart of fertile Eel River Valley, one of the largest dairying sections in California. Four large creameries, whose products are shipped to all parts of the world, processes the output of the many dairies.

**GARBERVILLE.** Population 550. A rapidly growing recreational community located on Redwood Highway in southern Humboldt County. Enjoys a thriving tourist and vacationists business. Lumber mills nearby.

**LOLETA.** Population 500. Located 13 miles south of Eureka on the railroad and the Redwood Highway. Large milk-condensing plant of the Golden State Company.

**OTHER CITIES IN HUMBOLDT COUNTY.** Blue Lake. Eight miles northwest of Arcata. Center of rich farming and dairy district. Samoa and Korbel. Have large lumber mills. Metropolitan and Crannell are other important lumbering towns. Carlotta, 25 miles from Eureka, is important trading center for mountain section, and markets large quantities of fruit and berries. Trinidad, 23 miles north of Eureka. New fishing harbor development. Fields Landing. At south end of Humboldt Bay - the shipping point for southern Humboldt. Rohnerville and Hydesville are in the heart of the fruit and berry sections. Considerable land is devoted to poultry raising. Pepperwood, Shively, Dyerville, Fort Seward and Alderpoint are towns on or near the railroad. Petrolia, Briceland and Bridgeville, in the southern end of the county, are centers of farm, fruit and grazing sections. Orleans, Weitchpec, Orick and Hoopa are the principal towns in the northern part of the county, which is given over to mining, stock-raising and some agriculture. Around Hoopa is the Hoopa Valley Indian Reservation.

1947 POPULATION OF CITIES AND TOWNS IN HUMBOLDT COUNTY

Eureka.....	21,380
Arcata.....	3,800
Scotia.....	2,400
Fortuna.....	1,754
Ferndale.....	985
Blue Lake.....	750
Rohnerville.....	625
Samoa.....	600
Garberville.....	550
Loleta.....	500
Rio Dell.....	475
Korbel.....	325
Hydesville.....	320
Crannell.....	315
Freshwater.....	300
Bayside.....	300
Petrolia.....	290
Pepperwood.....	270
Shively.....	250
Alton.....	250
Bridgeville.....	210
Fields Landing.....	200
Weott.....	190
Orleans.....	150
Hoopa.....	150
Harris.....	125
Alder Point.....	116
Fieldbrook.....	110
Trinidad.....	107
Fernbridge.....	90
Fort Seward.....	90
Willow Creek.....	60
Orick.....	60
Kneeland.....	60
Falk.....	50
Carlotta.....	48
Blocksburg.....	48
Mckinleyville.....	45
Shelter Cove.....	35
Capetown.....	30

ASSESSED VALUATION - HUMBOLDT COUNTY

1944.....	\$46,331,975.00
1945.....	\$47,325,185.00
1946.....	\$48,093,391.00

EDUCATION

Excellent educational facilities are available in Humboldt County with a State College at Arcata, six modern high schools and 93 elementary units.

Humboldt State College is an accredited unit in the State educational system. It has an excellent scholastic reputation because of the quality of instruction offered and the high standard required for graduation. Humboldt State is one of the seven State Colleges of California. It has contributed much to the economic, educational, social and cultural life of the Redwood Empire. Those who aspire to teach in high school may take a four-year teacher training course at Humboldt State. Many other courses are also offered.

Eureka has an excellent school system. There are four new grammar schools, a new \$450,000 junior high school and a modern high school. Eureka Business College is located at 7th & J. Streets. There are two private schools, the Nazareth Convent at Dollison and Williams Streets and the Seventh Day Adventist Elementary School at 3010 E. Street. The Arcata Union High School and Fortuna Union High School, both new and modern, provide the same high class instruction. The Ferndale Union High School conducts courses on the same high standards as the other high schools of the County, as does the South Fork High School at Miranda.

CLIMATE

Humboldt County has a most equable climate without excesses of heat or cold. In the interior, temperatures in summer are higher than on the coast but on the whole the County enjoys a wonderful climate - bracing and energizing. At Eureka the thermometer has never recorded higher than 85° with an average temperature of 51.8° and with an average daily range in temperature of only 11°.

Although the weather is equable, it is not monotonous. Summer sea-mists along the Coast, lingering usually for only a few hours and disappearing before the sun, add in giving variety to the climate.

Rainfall is ample but from June through August there is virtually no rain. The average in September is only one inch which makes these months ideal for motoring, camping and outdoor life.

EUREKA NEWSPAPERS - DAILY

Humboldt Times (morning) and Humboldt Standard (evening)  
Both published by Eureka Newspapers, Inc., 328 E. St. Eureka

Circulation of the two papers

City - 7,862                  Out of City - 7,382                  Total - 15,244

Humboldt Times  
Every morning except Monday

Humboldt Standard  
Every evening except Sunday

HUMBOLDT COUNTY NEWSPAPERS - WEEKLYARCATA

Arcata Union  
Gordon Hadley, Editor  
Issued once a week - Friday  
Circulation: 1,537

FORTUNA

Fortuna Beacon  
Paul Jasper, Editor  
Issued once a week - Friday  
Circulation: 2,010

FERNDALE

Ferndale Enterprise  
George Waldner, Editor  
Issued once a week - Friday  
Circulation: 1,170

GARBERVILLE

Redwood Record  
Calvin E. Miller, Editor  
Issued once a week - Friday  
Circulation: 450

BLUE LAKE

Blue Lake Advocate  
B. Perigot, Editor  
Issued once a week-Saturday  
Circulation: 1,650

RADIO BROADCASTING STATIONS

KIEM, The Voice of the Redwoods. 1000 Watts Power, unlimited hours of operation, 1480 kilocycles. Affiliated with Mutual Don Lee Broadcasting System. Studios at 6th & E. Streets, Vance Hotel and Eureka Inn. Transmitter on Eureka Inlet, Humboldt Bay. Owned by Redwood Broadcasting Company, Inc., Wm. B. Smullin - President and Manager.

KHUM, Affiliated with the American Broadcasting Company operating full time on 1240 Kilocycles with 250 Watts. Studios and transmitter at 1025 West Murray Street. Business office - Gross Building, 5th & F. Streets. Owned and operated by Carroll R. Hauser.

## COMMERCE

Humboldt Bay is the focal point of Humboldt County's industry and commerce. This landlocked harbor, covering 25 square miles, is 220 miles north of San Francisco Bay and 325 miles south of the mouth of the Columbia River. It is the only harbor of refuge on over 500 miles of rugged coast. In 1939 the government deepened the channels from their original depth of 21 feet to 26 feet, low water. The U. S. Engineers are expected to authorize dredging in the near future to the 30 foot level.

The economic importance of Humboldt Harbor is evident in the official figures on the volume of business flowing through the Port. In 1925 more than 500,000 tons of commerce valued at \$25,141,243 were recorded.

There is a total of 36 wharves and seven boat landings in Humboldt Bay. Eight of the wharves are publicly owned of which three are open to the public on equal terms. Practically no tolls are charged and where charge is made it is very nominal.

## INDUSTRY

New industries are definitely encouraged to locate in Humboldt County. A well qualified firm of planning consultants has recently completed a most comprehensive Industrial Survey giving all facts about the Humboldt Bay area and Humboldt County as a whole - information that would be of interest to prospective industrial concerns - which is now available at the Humboldt County Chamber of Commerce, headquarters at 7th & F. Streets, Eureka. Industrialists are saved the time and trouble of having to make various contacts to obtain information desired. Maps and information on individual industrial sites may also be seen at the Chamber office.

The variety as well as the number of industries in Humboldt is growing and promises a better balanced economy for the area. Industries are scattered throughout the County but the largest percentage are within fifteen miles of the county seat. Principle industries are lumbering and lumber products; dairying and dairy products; stock-raising - both sheep and cattle; ship-building, both steel and wood; woolen mill; barrel factory; boiler factory and commercial fishing. There are approximately 70 industrial plants in Humboldt County at the present time.

## HUMBOLDT BAY AND HARBOR - CALIFORNIA

(Extract from the Reports of Rivers and Harbors, War  
Department Chief Engineer)

Among the several important harbors on the western coast is Humboldt Bay, a land-locked harbor on the coast of California, 220 miles north of San Francisco Bay, and 325 miles south of the mouth of the Columbia River, Oregon, the only harbor of refuge on over 500 miles of rugged coast. Humboldt Bay has a length of 14 miles and an extreme width of  $3\frac{1}{2}$  miles with an average width of  $\frac{3}{4}$  mile, with a high water area of approximately 25 square miles. Eureka, the principal shipping point, is  $6\frac{1}{2}$  miles from the ocean entrance on the eastern shore of the northern arm.

There are thirty-six wharves and seven small boat landings, mostly of ordinary pile construction, although eight of these have especially treated or concrete protected piles. Ten of the wharves have warehouse storage facilities. Fourteen have connection with the railroad by spur track, and the others have connection by highway. There are eight publicly owned wharves, of which three are open to the public on equal terms. Practically no tolls are charged, but where a charge is made it is very nominal, and a maximum charge has been set by the Board of State Harbor Commissioner.

As a demonstration of the growing economic importance of Humboldt Harbor, a comparison of statistics shows the remarkable contrast of 243,842 tons of commerce with a value of \$10,342,535.00 in 1920 as compared with 595,305 tons with a valuation of \$25,141,243.00 in 1925. For nine years the value was approximately \$25,000,000.00. It then materially dropped due to depressed conditions, and is still down due to war conditions, and will continue down until foreign business resumes. This tonnage was made up of exports and imports consisting of fish, hides and pelts, tallow, dry milk, nursery stock, wool, manufactured woollens, ties, lumber, shingles, automobiles and parts, empty cases and drums and general merchandise.

The entrance to Humboldt Bay is protected by two rubble mound jetties, the north jetty 4,500 feet in length, and the south jetty 5,100 feet in length. These jetties were completed by the United States Engineers, War Department. The United States Government have expended over \$10,000,000 on the project which included the dredging of the Eureka, Arcata, Samoa and Fields Landing channels, and the construction of the jetties; also a turning basin in the Fields Landing channel. The channels are dredged to a depth of 21 feet, but during the year 1939 the Government expended \$287,000.00 for the dredging of the channels to a depth of 27 feet low water.

LUMBERING

Humboldt County leads all California counties in lumber production and in the county's leading industry. Official estimates place the total amount of standing timber in the County at 30 billion feet. Of this figure, five billion feet is reserved for State Parks. Redwood is the principal specie and accounts for fifty percent of the total stand with the other fifty per cent made up of Douglas fir, white fir, cedar and others. Of all the Redwood in the world, 60% stand in Humboldt County.

In 1940, the latest normal year of recorded lumbering data, 314,000,000 board feet were cut. War demands gradually increased production until an all time high was reached in 1944 with a figure of 435,951,000 board feet. Average daily sawmill production in 1947 is figured at 2,000,000 feet. In 1941 there were 24 mills in the county - today there are approximately 160 ranging in size from two man operations to the world's largest redwood mill at Scotia. In addition to these there are fourteen shingle and shake mills. Although most of the mills handle their own logging operations, there are 27 logging contractors. The 1940 employment figure for men in the lumbering industry was 3920 while today the estimate is around 6000. The demand for lumber workers is still high.

Due to its unique qualities, Redwood is in great demand by Australia, New Zealand, South Africa and many other foreign countries.

LUMBER PRODUCTION FOR HUMBOLDT COUNTY

1941. . . 24 mills . . .	365,762,000 feet cut . . .	\$15,690,000.00
1942. . . 33 mills . . .	411,026,000 feet cut . . .	\$18,675,000.00
1943. . . 38 mills . . .	434,645,000 feet cut . . .	\$19,740,000.00
1944. . . 45 mills . . .	435,951,000 feet cut . . .	\$20,000,000.00
1945. . . 49 mills . . .	418,532,000 feet cut . . .	\$20,000,000.00
1946. . . 160-170 . . .	not yet available	

### DAIRYING

It is not surprising that dairying is the second most important industry in Humboldt County. The same unique elements of climate and soil that produce giant trees, also provide abundant natural green feed the year round. Clover and rye grass has become the main staple food for dairy cows while the re-claimed marshlands provide additional green pastures. Freedom from dependence upon irrigation most of the year is a distinct advantage to Humboldt dairymen.

The communities of Ferndale, Loleta, Fortuna, Arcata and Orick, located in rich river valleys, have 1,200 dairies alone. There are 40,000 head of dairy stock in Humboldt County, of which 27,000 are producing cows. The quality of these herds is consistently highgrade with many of them producing over 400 pounds of butterfat per cow in a year. Jerseys and Guernseys are raised almost exclusively and the classic beauty of the purebred stock is outstandingly typical of Humboldt County. One herd has a national record for continuous herd production with a sixteen year average of 552.5 pounds of fat per cow. Humboldt has the oldest continuous cow-testing association in the United States while the first creamery in California was located near Ferndale in 1888. There are, today, nine large manufacturing plants in the County fully equipped for the processing of dairy products - butter, cheese, condensed, and dried milk, and ice cream mix. About \$500 an acre is an average price for suitable dairy land. It is estimated that it takes two acres to maintain one dairy cow. The golden cows and green pastures of Humboldt produced \$6,285,600 worth of dairy products in 1946.

### CATTLE

Raising of beef cattle in Humboldt County is an important phase of the stock-raising industry for which this area is so ideally suited. Along the coast and back of the timber belt, hundreds of thousands of acres covered with native grasses provide abundant food for large herds of beef stock. Also the Mattole basin and other river bottom-lands are likewise devoted to cattle raising on a large scale.

Humboldt cattlemen have found the Hereford best adapted to local climate and range conditions. These chestnut colored cattle with their white faces are a familiar and attractive sight in the county. Meat packers rate Humboldt beef as excellent.

The cattlemen are well organized, forming a section of the California Cattlemen's Association which aids in the production and marketing of beef stock. The 1946 valuation of beef produced in Humboldt County was \$1,408,300. Value of cattle slaughtered was \$783,700.

The necessary acreage of grazing land to maintain a beef animal is estimated to be from ten to fifteen acres with cost per acre ranging from \$7 to \$25.

COMMERCIAL FISHING

Commercial fishing has become Humboldt's third leading industry. Its rapid growth is remarkable and the prospects for further expansion most promising. Six years ago the county's fishing business was valued at \$2,500,000 - today it is estimated to be \$13,000,000 industry. In 1943 the total fish catch was 8,000,000 pounds; in 1944 the total was 13,000,000 and in 1945 it reached an all time high of over 20,000,000 pounds.

Species of fish caught in Humboldt waters are numerous but the largest catches for 1945, according to official records, were 9,755,157 pounds rockfish; 4,288,469 pounds sole; 2,916,656 pounds of sablefish; 1,093,866 pounds salmon and 415,513 pounds of crab. The large Humboldt crabs are gourmets' delight and almost as synonomous of the area as its skyscraper trees.

Evidence of Humboldters' enthusiasm for the commercial fishing industry is notable in their endorsement of a \$200,000 boat basin to provide better docking facilities for the fishing fleet. The new inner harbor is to be completed in the spring of 1947. At present there are approximately 200 fishing craft operating from Humboldt Bay and from Trinidad, 20 miles north. U. S. Engineers are expected to build breakwater at Trinidad which will greatly increase its value as a haven for commercial fishing boats.

As of January 1947, five hundred people were employed in the commercial fishing industry. There are eleven fishing and processing plants in the county which ship fresh, frozen and smoked meats by rail and truck to metropolitan centers.

RECORD OF FISH LANDINGS AT EUREKA AND FIELDS LANDING

FROM OFFICIAL FISH AND GAME RECORDS

<u>SPECIES</u>	<u>POUNDS</u> <u>1943</u>	<u>POUNDS</u> <u>1944</u>	<u>POUNDS</u> <u>1945</u>
Cultus, Pacific	272,939	369,184	379,831
Flounder	307,480	190,019	102,250
Halibut, Northern	263,086	214,134	217,869
Herring, Pacific	123,862	101,394	58,935
Perch	23,259	32,899	43,281
Rockfish	1,255,466	5,404,659	9,755,157
Sablefish	473,769	909,897	2,916,656
Salmon	827,036	1,778,790	1,093,866
Sand Dab	274,930	202,187	141,858
Shark	829,478	692,385	541,493
Skate	12,480	616	327
Smelt	18,508	11,182	61,177
Sole	3,361,288	3,060,934	4,288,469
Surf Fish	13,720	-----	-----
Tuna, Albacore	11,753	49,363	88,275
Turbot	-----	-----	90,514
Whitebait	54,805	148,463	122,206
Misc. Fish	52,461	35,080	74,087
Crustacean: Crab	116,360	133,341	415,513
Mollusk: Octopus			
Clams	<u>2,105</u>	<u>1,541</u>	<u>1,495</u>
TOTALS:	8,294,785 pounds	13,336,068 pounds	20,420,172 pounds

AGRICULTURE

Agriculture is one of Humboldt County's major industries with a total value of \$12,899,700.00 for its 1946 production. Dairying ranks first, accounting for over half of the total. Livestock raising takes second place with nursery stock, poultry and truck crops following in the order of their importance.

Humboldt County has an approximate land area of 2,286,720 acres of which 35.7 percent is land. Of this percentage 34,941 acres is under cultivation and the balance in pasture and grazing.

At first glance, the relationship of Humboldt's large area to its agricultural production might seem somewhat out of proportion. However, when it is realized that of the county's total area, 64.3 percent is covered by timber, it's overall agricultural output is impressive. Much of the farm land already under cultivation has had to be cleared of hugh stumps, heavy underbrush and trees. As new acreages are cleared and placed under cultivation, Humboldt County's agricultural status is being constantly increased.

Humboldt's soil and climate are ideal for the growing of truck crops - potatoes, carrots, cabbage, cauliflower, beets, peas, beans, lettuce, tomatoes and artichokes. Crops such as corn, requiring a warmer climate, prosper in the southern part of the county.

Lush green pasture lands are as native to Humboldt County as its groves of giant Redwoods, and dairymen find this area unique in its advantages. There are no irrigation problems and the rich supply of natural green feed is an important factor in the great success of dairying in the county. Fine herds of almost exclusively Jerseys and Guernseys numbering 27,000 have placed Humboldt County foremost in the production of butterfat.

The same ideal conditions of cool, equable climate and abundant pasture that prosper farming and dairying have made sheep-raising an important industry in Humboldt. A superior quality of wool is produced which is in demand for the manufacture of fine woolen garments. Some of the wool is marketed locally in Eureka's own woolen mill, which has been in operation for thirty years.

This is but a rough survey of Humboldt's rich, natural endowments and of their development and improvement. Further study of the area must impress anyone with it's unlimited potentialities for even greater development.

AGRICULTURAL PRODUCTION IN HUMBOLDT COUNTY - 1946  
 Compiled by Earle Mills, Agricultural Commissioner

<u>DAIRY PRODUCTS</u>	\$6,285,600.00	\$6,285,600.00
<u>LIVESTOCK &amp; WOOL SHIPPED</u>		
Cattle	\$1,408,300.00	
Sheep & lambs	1,280,000.00	
Wool	434,000.00	\$3,122,300.00
<u>ANIMALS SLAUGHTERED</u>		
Cattle	\$ 783,700.00	
Calves	121,900.00	
Sheep & Lambs	77,200.00	
Hogs	85,000.00	
Goats	150.00	
Hides, Meat Scrap, Tallow, etc.	308,400.00	\$1,376,350.00
<u>NURSERY STOCK</u>		
Plants & Cut Flowers	\$ 265,900.00	
Bulbs	550,000.00	
Evergreens	152,800.00	\$ 968,700.00
<u>POULTRY &amp; EGGS</u>		
Eggs	\$ 535,000.00	
Meat Birds & Rabbits	69,000.00	
Baby Chicks	7,500.00	
Turkeys	6,000.00	\$ 617,500.00
<u>TRUCK CROPS</u>		
Carrots	\$ 8,000.00	
Tomatoes	20,000.00	
Lettuce, Corn, Celery, Berries, Peas & Broccoli	17,000.00	
Green Beans, Squash & Melons	25,000.00	
Potatoes	143,000.00	\$ 213,000.00
<u>FURS</u>	\$ 194,000.00	\$ 194,000.00
<u>HAY, GRAIN, BEANS &amp; SEED</u>		
Beans	\$ 2,200.00	
Vetch, Burnet, Trefoil, etc.	\$ 24,000.00	
Grain, Hay & Straw	37,500.00	\$ 63,700.00
<u>FRUIT &amp; NUTS</u>		
Apples	\$ 10,000.00	
Peaches	3,000.00	
Cherries	3,500.00	
Grapes	3,250.00	
Prunes	1,300.00	
Walnuts	18,000.00	
Chestnuts, Filberts & Misc, Small Fruits	7,000.00	\$ 46,050.00
<u>HONEY</u>	\$ 2,500.00	\$ 2,500.00
		<u>\$12,889,700.00</u>

## HORTICULTURE

Horticulture is becoming increasingly important in Humboldt County along with the more predominating phases of agriculture and stock-raising. When it is realized that of Humboldt's 2,286,720 acres of land area but 34,941 acres is devoted to the raising of crops, the county's production of fruits, nuts, vegetables and nursery stock is the more remarkable. Today, much of the undeveloped land claimed by timber is being cleared and the rich virgin soil brought into productivity.

Apples of excellent quality are raised throughout the County with the New England types thriving best. Pears and peaches are next in importance while cherries, plums and prunes prosper in the central section of the County. English walnuts are grown very successfully. Humboldt soil and climate is particularly hospitable to berries and this area is second to none in America in berry growing. Strawberries of exceptional size and flavor may be gathered in the open from May to November. Loganberries produce as high as six tons to the acre. Likewise, blackberries, raspberries, himalaya berries and currents yield heavy financial returns in proportion to the space required for their culture.

Potatoes are first in production in vegetable crops with carrots, turnips, celery, beets, cucumbers, cabbage, cauliflower and artichokes being raised in substantial quantities. Sweet corn, tomatoes and melons of superb quality are raised in the warm inland valleys.

In addition to lily bulb culture, nursery stock composed mainly of shrubs and cut flowers represents an important item of export from the County. Ninety percent of the rhododendrons grown commercially on the Pacific Coast are raised in Humboldt. Azaleas and camellias are also sold commercially in important quantities. The demand for these rarely beautiful shrubs is constantly increasing.

## POULTRY

The poultry industry in Humboldt County has the advantages of an equable climate, abundant green feed and a plentiful supply of suitable land. Consequently, the immediate success of the poultry business in Humboldt was logical and it continues to grow rapidly as it is an attractive and sound enterprise for people of moderate means or for those wishing to conduct a side-line business.

Poultry producers attribute much of their success to Humboldt's cool, moist climate. With heavy annual rainfall, green feed - a major item in low cost egg production - is available every month of the year. Since there is a consistently cool climate in summer, egg production is high and excellent in quality. Poultry men find their flocks notably healthy and free of unseasonal moulting.

An outstanding asset of the poultry industry of Humboldt County is the Poultry Producers of Northern California, a successful cooperative egg marketing association, which provides an outlet for the eggs and table fowls of local poultry farms. A killing plant is available for the disposal of surplus hens and broilers. Proximity to ready markets locally as well as in the San Francisco metropolitan area is an important advantage to poultry raisers in Humboldt. Land adapted to poultry raising ranges in cost from \$150 to \$300 an acre.

### LILY BULB INDUSTRY

Humboldt County has become the center of a rapidly expanding new horticultural industry - the production of Easter lily bulbs for the commercial markets. While the growing of lily bulbs began along the sea coast of northern California about eight years ago, the cessation of foreign importations from Japan and Holland due to the war has created a great demand for the domestic bulbs, now eagerly sought by buyers for the eastern markets.

The Croft strains of Easter lily predominates in Humboldt County because it is here that it finds the moist even climate and rich friable soil requisite for the profitable production of this fragrant white waxen flower. Sea fogs and cool climate generally provide all the moisture necessary for irrigation while the somewhat sandy soil supplies proper drainage. Originally such land could be bought for as little as \$100 an acre. Since a successful grower should have three or four times as much land as is planted for rotation purposes, it is evident that a fairly substantial capital outlay is necessary. The largest bulbs used for forcing and commanding the highest prices take about three years to mature. A minimum of 40,000 to 50,000 bulblets is required to plant an acre while about 20,000 to 22,000 bulbs of forcing size may be harvested from each acre. Forcing size bulbs range from 6 to 11 inches in diameter.

Most lily bulb growers in Humboldt County maintain memberships in two very active associations - Humboldt Croft Lily Growers Association and the Lily Bulb Growers of the Redwood Empire.

### TOURIST INDUSTRY

In Humboldt, the tourist industry is of major importance. Tourists and vacationists from every state and many foreign countries travel the world famous Redwood Highway each year. Thousands of dollars are spent annually by sportsmen, travelers, and others who come to the Redwood realm to enjoy the recreational opportunities of the vast natural scenic playground, which is Humboldt County. Based on the border quarantine count made by the Department of Agriculture, it is estimated that in 1946 more than 900,000 people traveled along the Redwood Highway in Humboldt County.

### FUR FARMING

Commercial fur farming is an interesting industry which prospers in Humboldt's favorable climate. There are twenty-five fur farms in Humboldt County today with mink the predominating animal. Of this number, there are five fox farms which also raise some mink.

Pelts from Humboldt fur farms compare very favorably with those from other sections of the United States and are shipped for marketing to the fur auctions at St. Louis, Missouri and Seattle, Washington. A conservative estimate of the county's 1947 fur yield is \$150,000.

Availability of suitable and reasonable feed for fur animals is an important consideration which makes the proximity of fish and meat processing plants in and near Eureka a decided advantage. Meat scraps from young calves and fish scraps are the principal items in the diet of fox and mink.

A somewhat related industry is rabbit raising for fur and meat. At present, the local demand takes care of the meat supplied by local rabbit raisers. So far, shipping costs have made sending meat to San Francisco impracticable. Beginning about two years ago a very interesting cooperative project called "Rabbit Haven" was organized just south of the Eureka City limits. This undertaking is primarily concerned with the production of Angora rabbit fur and indications are that it will prove financially successful.

### SHEEP

Humboldt's moist, cool climate is an important factor in producing long-stapled wool of exceptional quality which is sold to manufacturers of fine woolens throughout the United States. The 1946 return on sheep, lambs and wool was valued at \$1,714,000. Almost as important as wool production to the sheep-raiser, is the market for lamb and mutton. Thousands of lambs are sent to San Francisco each season. The returns from the sale of lamb and mutton are substantial. The 1946 sheep census in Humboldt County was 110,000 animals not including lambs.

Sheep-raisers in Humboldt County maintain a unit of the California Wool Growers Association with headquarters in Eureka.

The present value of grazing land suitable for sheep-raising ranges from \$7.00 to \$25.00 an acre. It is estimated that 17 acres of rough, mountainous land, including timber, will maintain five sheep. The southwest portion of the County along the sea coast is devoted most exclusively to sheep and cattle grazing.

MINING

Humboldt Bay was named by the captain of a ship seeking water transportation to the gold mines in the region in 1850. Thus it appears that gold mining, as in other parts of California, was Humboldt's first industry. Gold is still the county's most important metal. In the period between 1880 and 1939, \$2,781,773 worth of gold was taken from Humboldt County. The gold mining industry during the war years suffered quite a set-back so that present activity in the production of this precious metal is far from normal in this county.

Although largely undeveloped, there are numerous and substantial deposits of manganese, chrome, iron, lime, clay and coal within Humboldt. At present, manganese of which there are fifteen known deposits in the county, occupies first place in mineral products. These deposits are found in the southeastern section while chrome locations are chiefly in the vicinity of Orleans in the northwestern part of the county. The best showing of iron is near Arcata. Industrialists in Humboldt feel there is a definite opportunity for the development of the county's excellent lime deposits for use locally in neutralizing the acid content of the soil caused by excessive moisture. Common clays suitable for the manufacture of brick, hollow tile and roofing tile are found at many places, especially in the vicinity of Arcata and Eureka. Coal is another mineral found in Humboldt to the extent that it has been evaluated as offering definite possibilities worthy of development.

The black sands which characterize the beaches of northern Humboldt County are rich in deposits of gold, iron, chromite, zircon, platinum, iridium and silica. However, rewards in reclaiming processes have, so far, been limited to small operators working on sands where high-grade concentrations occur. Many thousands of dollars worth of gold and some platinum have been recovered by small scale operators.

While petroleum producing formations have caused considerable speculation and experimentation in Humboldt as early as 1860, so far, no commercial production has been realized. However, the area is fortunate in having three natural gas wells which amply supply the county's needs. Service is handled by the Pacific Gas and Electric Company.

EMPLOYMENT BY INDUSTRIES IN HUMBOLDT COUNTY  
- January, 1947 -

Lumber and Logging - 4500 to 5500	5,000 (Maximum 7000)
Construction	650
Transportation	675
Manufacturing	250
Wholesale & Retail Trade	1,600
Commercial Fishing	500
Trades & Services	1,000
Food Mfg. & Processing	675
Communications	325
Agriculture	5,700
Textile Mfg.	100
Public Utilities	480
Amusements	250
Equipment Repair & Maintenance	600
Government	450
Professional	900
Public Health Service	183
Bulb Raising	300
Split Products	125
Others	500
Total Employment in Humboldt County	<u>20,163</u>

I N D U S T R I E S

NOW ESTABLISHED IN HUMBOLDT COUNTY, CALIFORNIA

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Compiled By The  
HUMBOLDT COUNTY CHAMBER OF COMMERCE  
Seventh & F. Streets, Eureka

INDUSTRIESNOW ESTABLISHED IN HUMBOLDT COUNTY, CALIFORNIABAKERIES

BUTTERNUT BAKERY  
4th & Commercial, Telephone 569  
Paul Pinochi, Manager  
Breads - Pastries

FLUHRER'S LOG CABIN BAKERY  
306 B. Street, Telephone 1522  
Lucian Koenig, Manager  
Breads - Pastries

BOAT BUILDING & REPAIR

EUREKA SHIPBUILDERS, INC.  
Fields Landing, Telephone FL 7  
LaMone Call, Manager  
Commercial and pleasure boats  
and repairing

EUREKA BOAT BUILDING & REPAIR  
Fields Landing, Telephone FL 20  
Grabe & Grabe, Owners  
Commercial and pleasure boats  
and repairing

BUILDING MATERIALS

HILFIKER CONCRETE PIPE COMPANY  
3900 Broadway, Telephone 885  
H. O. Hilfiker, Owner  
Concrete pipes, well casings,  
water troughs

GEORGE C. JACOBS COMPANY  
102 West 4th Street, Telephone 216  
George C. Jacobs - Donald Larson  
Building materials, cabinet works,  
sashes, doors, frames

HINDLEY CLAY PRODUCTS  
North and Vernon, Telephone 2149-R  
Henry Hindley, Owner  
Common red brick, drain tile

EUREKA ART STONE WORKS  
3544 Broadway, Telephone 754  
Carl H. Guettler, Manager  
Concrete blocks, lightweight  
building units

HUMBOLDT CABINET COMPANY  
423 - 1st Street, Telephone 577  
Lars Larsen, Manager  
Cabinets, Metal Works

COMMERCIAL FISHING & ALLIED INDUSTRIES

Commercial fishing is a rapidly expanding industry in Humboldt County. The annual catch has increased from 8,294,785 pounds in 1943 to 20,420,172 pounds in 1945. A \$200,000 boat basin for the 200 boats in the fishing fleet is now under construction.

JOE BALESTRIERI & COMPANY  
Foot of I. Street, Telephone 595  
Joe Balestrieri, Manager  
Fresh and frozen fish

CONSOLIDATED FISHERIES, INC.  
Railroad Wharf, Telephone 593  
Joseph Sabella, Manager  
Fresh, frozen and canned fish

HALLMARK FISHERIES  
Foot of F. Street, Telephone 233  
Earl Hallmark, Manager  
Fresh, frozen and canned fish

TOM LAZIO FISH COMPANY  
Foot of C. Street, Telephone 352  
Tom Lazio, Manager  
Fresh and frozen fish

A. PALADINI, INC.  
Railroad Wharf, Telephone 154  
Charles Timmons, Manager  
Fresh and frozen fish

NORCAL PACKING COMPANY  
Fields Landing, Telephone FL 13  
E. J. Sturiale, Manager  
Fresh and frozen fish

THEO WEISSICH FISH COMPANY  
Railroad Wharf, Telephone 380  
Theo Weissich, Manager  
Fresh, frozen and salted fish

NEW ENGLAND FISH COMPANY  
Railroad Wharf, Telephone 264  
Andrew Smith, Manager  
Frozen and fresh fish

OCEAN PICNIC  
Broadway & Harris Sts., Telephone 3371-J  
Phil Thurman, Manager  
Kipperred cod and smoked fish

COMMERCIAL FISHING & ALLIED INDUSTRIES (Cont'd)

## THE BORDEN COMPANY

Foot of A. Street, Telephone 412  
R. O. Cole, Manager  
Fish Reduction Plant

## MARITIME INDUSTRIES

Fields Landing, Telephone FL 12  
Reduction plant

## EUREKA NOVELTY COMPANY

938 Broadway  
Buoys, bait baskets, net floats,  
bait boxes, gurdies

DAIRY PRODUCTS

Humboldt, one of California's leading  
dairy counties, has 27,000 dairy cows.

## EUREKA COOPERATIVE DAIRIES

535 D Street, Telephone 418  
Don Crowe, Manager  
Creamed cottage cheese, buttermilk

## GOLDEN STATE COMPANY

Loleta, Arcata, Ferndale  
Telephone Loleta 21  
Sidney M. Nielson, District Manager  
Powdered ice cream mix

## HUMBOLDT CREAMERY ASSOCIATION

Fernbridge, Telephone Fortuna 64  
Ronald Giulieri, Manager  
Butter, whole milk powder

## VALLEY FLOWER COOPERATIVE CREAMERY ASSOC.

Ferndale, Telephone Ferndale 114-W  
S. J. Damon, Manager  
Butter

FOUNDRIES & STEEL PRODUCTS

## ACME FOUNDRY

Foot of S Street, Telephone 121  
Lynn Viator, Manager  
Iron and Bronze castings

## BAY TANK &amp; BOILER WORKS

West Whipple Street, Telephone 557  
Lofaltdt & Johnson, Props.  
Tanks and boilers

## EUREKA BOILER WORKS &amp; STEEL PRODUCTS

Foot of T Street, Telephone 132  
Lynn Viator, Owner  
Boilers

FOUNDRIES & STEEL PRODUCTS (Cont'd)

## EUREKA METALS COMPANY

820 West Whipple, Telephone 1575  
Hinch and Lombard, Props.  
Tanks, buildings, mills

FROZEN FOODS

## HAROLD F. CHURCHILL COMPANY

Foot of F. Street, Telephone 828  
Leonard Degnan, Manager  
Frozen berries, vegetables

FUR FARMS

Commercial fur farming is a growing  
industry in Humboldt County at  
the present time, valued in the  
neighborhood of \$200,000 and in-  
volving 25 fur farms. Four of the  
largest are listed below:

FISHER'S MINK FARM

Humboldt Hill Road, Tel. 2825-W  
Walter Fisher, Owner - Box 668  
Mink

## HUMBOLDT FUR FARM

Spruce Point, Telephone 1598-W  
Frank Belotti, Owner  
Fox and mink

## WALTER W. EICH

Humboldt Hill Road, Tel. 13-R-1  
Fox

## W. C. HIBBEET

Humboldt Hill Road, Tel. 13-R-4  
Mink

ICE

## BELAIR'S ICE COMPANY

234 West Pratt St., Tel. 2156-R  
Ice

## EUREKA ICE AND COLD STORAGE

3rd & B. Sts., Telephone 1248  
Lawrence Jolly, Manager  
Ice

## FERNBRIDGE COLD STORAGE

Fernbridge, Tel. Fortuna 159-W  
Ice

## ROYAL ICE COMPANY

300 E. Street, Telephone 336  
Ice

ICE CREAM

BON BONIERE ICE CREAM FACTORY  
5th & D. Streets, Telephone 231  
Amador A. Rossi, Manager  
Ice Cream

GOLDEN CREST ICE CREAM  
315 - 6th Street, Telephone 368  
Albert Council, Manager  
Ice cream

LILY BULBS

The raising of lily bulbs for the eastern market is an industry that has grown to large proportions in Humboldt County. Most of the growers are affiliated with one of the associations listed below.

LILY BULB GROWERS OF THE REDWOOD EMPIRE  
Grover C. Myers, President  
Humboldt Hill Road, P. O. Box 769  
Easter lily bulbs

HUMBOLDT CROFT LILY GROWERS ASSOC.  
Floyd Thurman, President  
R. F. D. 2 - Arcata  
Easter lily bulbs

LUMBERING

Humboldt leads all California counties in lumber production with present output in excess of 2,000,000 feet a day. There is 30 billion feet of standing timber in Humboldt and 60% of the world's supply of Redwood. In 1944 there were 40 mills in Humboldt County. Today, there are approximately 170. The five largest mills are as follows:

HAMMOND LUMBER COMPANY  
Samoa, Telephone 613  
E. B. Birmingham, General Manager  
Lumber, sash & doors, moulding patterns

PACIFIC LUMBER COMPANY  
Scotia, Telephone Long Distance  
E. E. Yoder, Manager  
Lumber products, Palco Wool insulation  
Pres-to-Logs

DOLBEER-CARSON LUMBER COMPANY  
2nd & M. Streets, Telephone 362  
E. J. Stewart, General Superintendent  
Lumber, shingles, shakes & patterns

HOLMES-EUREKA LUMBER COMPANY  
Bucksport, Telephone 332  
Alf Quarnheim, Manager  
Lumber, shingles, shakes & lath

ARCATA REDWOOD COMPANY  
Arcata, Telephone Arcata 413  
Howard Libby, Manager  
Lumber products

LUMBER PRODUCTS

The Arrow Mill Company, employing 115 men and women, produces 175 million battery separators annually. Other plants are located at Chicago and Los Angeles.

The California Barrel Company at Arcata with 800 men on their payroll, manufacture wire-bound boxes, fruit, vegetable and fish boxes, barrels and box covers.

Sequoia Products Company manufactures insulation from ground redwood bark. A soil conditioner is also produced.

ARROW MILL COMPANY  
Foot of K Street, Telephone 104  
R. C. Shumate, Manager  
Battery separators

CALIFORNIA BARREL COMPANY, LTD.  
Arcata, Telephone Arcata 49  
J. J. Krohn  
Boxes, barrels, box covers

SEQUOIA PRODUCTS COMPANY  
Press Road, Telephone 156  
John Alexander, Owner  
Redwood bark insulation, soil conditioner

J. H. JORGENSEN & SON  
695 Shar Ave. Ferndale, Tele. 68  
Planing mill

CAL-ORE MILL & LUMBER COMPANY  
Janes Creek, Tele. Arcata 15-R-5  
Planing Mill

PLYWOOD

HUMBOLDT PLYWOOD CORPORATION  
711-18th Street, Arcata, Tele. 424-W  
Clarence Hill, General Manager  
Veneer-plywood

MEAT PACKING

RUSS MARKET COMPANY  
Bucksport, Telephone 442  
L. D. Smith, Manager

LANGER & KRETNER  
531 Myrtle Avenue, Telephone 210  
C. M. Langer, Office Manager

REDWOOD MEAT COMPANY  
Old Arcata Road, Telephone 2552  
Wollper-Lundgren, Owners

NURSERIES

More than 60% of all rhododendrons  
grown commercially on the Pacific  
Coast are raised at Cottage Gardens.

COTTAGE GARDENS COMPANY, INC.  
Glenwood & Ohio Sts., Telephone 691  
Kausen Bros.  
Rhododendrons - azaleas

POWER DRAG SAWS

Power drag saws are manufactured by both  
the Hansen Machine & Supply Co., and the  
Woodsman Power Saw Company. Both located  
in Eureka. They are used extensively  
in the logging woods in Humboldt County  
and other similar operations throughout  
the West.

HANSEN MACHINE & SUPPLY COMPANY  
820 Broadway, Telephone 78  
Harold Hansen, Owner  
Drag saws, saw mills, shingle machines

WOODSMAN POWER SAW COMPANY  
2320 Myrtle Avenue, Telephone 293  
Cliff and Doug Merrill, Owners  
Drag saws

REDWOOD NOVELTY MANUFACTURING

A large proportion of the many beautiful  
objects manufactured from Redwood  
burl are produced in Humboldt County.  
These objects range from tables, vases  
and bowls to small souvenir items made  
from Redwood, not from burl.

REDWOOD NOVELTY MFG. (Cont'd.)

THE STUMP HOUSE, INC.  
Broadway and Clark, Telephone 1084  
Arthur Elliott, Owner  
C. V. Coon, Manager

REX'S REDWOOD NOVELTY SHOP  
2401 Broadway, Telephone 1199  
Douglas O. Rex, Owner  
Redwood novelties, burls

HERRIN'S FREE MUSEUM  
Clam Beach via Arcata, Tel. Arc. 17-R-3  
Herbert Herrin, Manager  
Souvenirs and curios of California

UNIQUE LOG HOUSE  
Garberville, Telephone 58-J-5  
A. W. Johnson, Owner  
Redwood burl novelties

DINNELL REDWOOD PRODUCTS  
Garberville, Telephone 16-J-12  
Redwood novelties

VENETIAN BLINDS

BALLINGER MODERNISTIC VENETIAN BLINDS  
2169 Broadway  
Ben Ballinger, Owner  
Venetian blinds

WOOLENS

Of the two woolen mills in California,  
the largest is in Eureka. It has been  
producing high grade woollens for over  
thirty years, employing about 115 men  
and women.

HUMBOLDT BAY WOOLEN COMPANY  
Broadway & Whipple Sts., Telephone 820  
Norman Rothstein, Owner  
Wool blankets, yardage, wool products

NOTE: Industry is located in Eureka  
if the city is not listed after  
the firm name.